

The standard application form HRSA 6025-1, HRSA Competing Training Grant Application, General Instructions and supplement for these grant programs have been approved by the Office of Management and Budget under the Paperwork Reduction Act. The OMB Clearance Number is 0915-0060.

APPENDIX AND LETTERS OF SUPPORT

All pages in the appendices are part of the application and must conform to the page limit requirements as described in the General Instructions. **The application may not exceed 100 pages total.**

RESOURCE MATERIALS

CDC Public Health Preparedness and Response for Bioterrorism Program and HRSA Bioterrorism Hospital Preparedness Program Awardees by State

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GUIDELINES

Office of Domestic Preparedness - at the Department of Justice has issued "EMERGENCY RESPONDER GUIDELINES," which includes EMS personnel. Available at: <http://www.ojp.usdoj.gov/odp/docs/EmergencyRespGuidelinesRevB.pdf>.

Centers for Public Health Preparedness, Disease Control and Prevention - "Bioterrorism and Emergency Readiness: Competencies for all Public Health Workers" These competencies build on the core emergency preparedness competencies developed by the Center for Health Policy in 2000 and have been used by the Mailman School of Public Health Center for Public Health Preparedness and other preparedness centers in their training activities. Available at: <http://www.nursing.hs.columbia.edu/institute-centers/chphsr/btcomps.pdf>.

BIOTERRORISM & OTHER DISASTER TRAINING CENTERS

Clara Barton Center for Domestic Preparedness – A center of the American Red Cross

Noble Training Center - Noble Army Hospital at Ft. McClellan, Alabama

Trains doctors, nurses, paramedics and emergency Medical technicians to recognize and treat patients with chemical exposures and other public health emergencies. A training program has been developed for pharmacists working with distribution of the National Pharmaceutical Stockpile.

TRAINING COURSES/CURRICULUM:

National Domestic Preparedness Consortium - HHS has been working closely with the Office of Justice Programs (OJP) National Domestic Preparedness Consortium to develop a health care assessment tool and have also developed a combined MMRS/first responder training program.

FEMA -Integrated Emergency Management Course (IEMC). CDC and FEMA have been working to expand the scope of FEMA's Integrated Emergency Management Course (IEMC) which will serve as a vehicle to integrate the emergency management and health community response efforts in a way that has not been possible in the past. The website for further information is: <http://www.ndms.dhhs.gov/CT-Program/Nobletrainingcenter.html>

NDMS Response Team Training Program -The goal of this program is to ensure that all National Disaster Medical System team members will have appropriate orientation and training for optimal in-field performance. This on-line training program allows team members to receive training as their schedule permits from any computer that has Internet access. Content has been developed by a functional working group of response team members under the guidance of the DHHS Office of Emergency Preparedness. This group has

identified subject matter experts who contribute to course development. Assessment tools verify competency and completion of each module. <http://nams.umbc.edu/>

Association of State and Territorial Directors of Health Promotion and Public Health

Education - <http://www.astdhpphe.org> Model Emergency Response Communications Planning for Infectious Disease Outbreaks and Bioterrorist Events. 2nd Ed. October 2001. This second edition is intended for a diverse group of state and local public health and emergency response officials whose efforts must be coordinated on short notice to contain a deliberately planned or naturally occurring infectious disease outbreak. The model provides a framework for communications among public health officials, between health officials and other emergency response players, and directly with the public and the media. The model addresses several important areas including situation and assumptions, operational guidelines, and organizations and assignment of responsibilities. \$29.95

American Hospital Association - "<http://www.aha.org/Emergency/EmIndex.asp> Information on dealing with various aspects of mass casualty terrorism, including readiness resources, education and training, and relevant government, academic, and private and professional organizations links. Includes "A crisis communication primer for hospital CEOs" at <http://www.aha.org/emergency/resources/crisiscomprimer.asp> "Hospital preparedness for mass casualties" at <http://www.ahapolicyforum.org/policyresources/MOdisaster.asp>

American Medical Association - "Disaster preparedness and medical response." <http://www.ama-assn.org/ama/pub/category/6206.html> Frequently updated site that provides resources on disaster preparedness and medical response including news, physician resources, national and state resources, psychosocial resources, and an index of bioterrorism resources. Also has link to 10-part series of web-based educational programs on the clinical, psychosocial, and disaster preparedness issues raised by acts of terrorism.

Centers for Disease Control and Prevention, National Pharmaceutical Stockpile - "Receiving, Distributing, and Dispensing the National Pharmaceutical Stockpile(NPS) : A Guide for Planners." Version 9-Draft, April 2002. This training resource was written primarily for state and local planners so they can understand the NPS Program and create detailed local plans for distributing the NPS resources as needed to hospitals to treat the sick – and to other locations to protect the well. It is anticipated that it will also be useful to senior federal, state, and local leadership to help them understand what their plans for distributing the NPS must contain so they can determine what they need to do to prepare for a future event. For further information, contact Stephan G. Reissman, PhD, CEM, at (404) 639-0459 or smr8@cdc.gov.

Centers for Disease Control and Prevention - "Public health emergency preparedness and response." <http://www.bt.cdc.gov> This site on public health emergency preparedness and response to biological, chemical or radiological terrorism is organized by type of agents and threats as well as by such site topics as preparation and planning, emergency response, laboratory information, surveillance, and training. In addition, it provides links to related

resources both inside and outside the CDC.

Center for the Study of Bioterrorism and Emerging Infections - Saint Louis University.
<http://bioterrorism.slu.edu/> Links to various activities and publications of the Center, whose mission is to provide public health and healthcare facilities with the tools needed for preparedness, response, recovery, and mitigation of intentional or naturally occurring outbreaks. Includes fact sheets, current news, congressional testimony, case studies, bibliographies, and links to relevant resources.

Department of Defense, U.S. Army Soldier and Biological Chemical Command. Homeland Defense - <http://hld.sbccom.army.mil/> Dec. 2001. The Homeland Defense Program integrates the critical elements of WMD Installation Preparedness, [Bioterrorism] Improved Response, and Technical Assistance upon the solidly proven foundation of the Domestic Preparedness Program. Using the "Site Map," select Improved Response Program under Products & Services. Toward the bottom of that page, you will find the link to Biological Weapons Improved Response Program. In addition to these training resources, "Reports," this organization provides fee-for-service training to enhance the capabilities of federal, state, and local emergency responders.

Federal Emergency Management Agency - Guide for all-hazard emergency operations planning. State and Local Guide (SLG) 101. Sep. 1996 & updates.
<http://www.fema.gov/pte/gaheop.htm> This guide provides emergency managers and other emergency services personnel with information on FEMA's concept for development risk-based, all-hazard emergency operations plans. It includes a May 11, 2001, attachment on terrorism to aid state and local emergency planners in developing and maintaining a Terrorist Incident Appendix to an Emergency Operations Plan for incidents involving terrorist-initiated weapons of mass destruction.

HazMat/Decon Task Force (Sacramento, CA) - "Hazmat for healthcare."
<http://www.hazmatforhealthcare.org> . Program is designed for hospitals and related organizations to create and/or improve their hazardous materials emergency response programs for both internal spills and managing contaminated patients. Modules on awareness, operation's foundation, personal protective equipment, and decontamination can be downloaded free of charge.

Joint Commission on Accreditation of Healthcare Organizations (JCAHO) - Emergency preparedness consultation and custom education.
<http://www.jcrinc.com/generic.asp?durki=1023> The Joint Commission Resources of JCAHO offers consultation and custom education services on emergency preparedness and bioterrorism.

Johns Hopkins University. Center for Civilian Biodefense Strategies - <http://www.hopkins-biodefense.org> A comprehensive website dedicated to informing policy decisions and promoting practices that help prevent the development and use of biological weapons and

should prevention fail, lessen the death and suffering that would result. Current information including educational and policy resources.

National Academies Press. Responding First to Bioterrorism - <http://stills.nap.edu/shelfvses/first>

Expertly-selected web resources for First Responders on bioterrorism and public safety. Includes 18 Training Programs; three online training sites; and one database of National Emergency Managers Association Listing of Training Programs, a state-by-state catalog of training programs for emergency response to terrorism. The online courses include the American Board of Quality Assurance and Utilization Review Physician's "Online Course" in bioterrorism for doctors and nurses.

Public Health Foundation - <http://trainingfinder.org> Clearinghouse of distance learning courses on a variety of topics, including 92 courses on bioterrorism/emergency preparedness. One central website provides public health professionals of all disciplines with a comprehensive database of distance learning opportunities. The site provides information to assess and meet the development needs of the public health workforce, while further advancing state-of-the-art training and utilization of public health competencies. Prices vary.

Public Health Grand Rounds- "Bioterrorism: implications for public health." <http://publichealthgrandrounds.unc.edu/bioterrorism/resources.htm> Nov. 15, 2001. Provides links to a variety of bioterrorism resources, including viewable webcasts, online books, and selected CDC resources.

The Maryland Institute for Emergency Medical Services Systems (MIEMSS) - <http://miemss.umaryland.edu/Home.htm> The WMD Response Plan includes best practices for health care organizations (hospitals, public health, emergency medical services, and health care providers) and specific tasks and preparation actions that these and other health care system partners should implement in Maryland and are applicable in other states and territories.

U.S. Army. Medical Research Institute of Infectious Diseases - Medical management of biological casualties handbook. 4th ed. Frederick MD: Fort Detrick, Feb. 2001. <http://www.usamriid.army.mil/education/bluebook.html> Intended for the health care provider on the front lines, this resource provides basic summary and treatment information in the prophylaxis and management of biological casualties. It includes effective countermeasures available against many of the bacteria, viruses, and toxins which might be used as biological weapons.

American Medical Association - Bioterrorism Resources for the Physician Currently includes information on Anthrax, Antibiotic Misuse, Bioterrorism, Botulinum Toxin, Chlordane during time of disaster, organized medicine's role in the national response to terrorism, diagnosis and treatment related to disaster medicine problems, hospital preparedness, post-traumatic stress disorder, smallpox, tularemia, and responding to the growing threat of biological weapons which can be located at: <http://www.ama->

[assn.org/ama/pub/category/6671.html](http://www.ama-assn.org/ama/pub/category/6671.html) Also, "Disaster preparedness and medical response." <http://www.ama-assn.org/ama/pub/category/6206.html> Frequently updated site that provides resources on disaster preparedness and medical response including news, physician resources, national and state resources, psychosocial resources, and an index of bioterrorism resources. Also has link to 10-part series of web-based educational programs on the clinical, psychosocial, and disaster preparedness issues raised by acts of terrorism.

American Red Cross - "American Red Cross materials dealing with terrorism and unexpected events." <http://www.redcross.org/pubs/dspubs/terrormat.html> Information on how to prepare for disasters, as well as how to cope with the emotional and physical reactions to disasters.

Primary Care Physicians - Diagnosis of smallpox, anthrax and other Bioterrorism-Related Infections -This web site is sponsored by the Agency for Health Research and Quality (AHRQ) of the Department of Health and Human Services. It is directed toward the estimated 265,000 primary care physicians across the country to enhance their ability to diagnose and treat rare infections and exposures to bioterrorism agents, such as smallpox and anthrax. The site was prepared by the University of Alabama at Birmingham under a contract from AHRQ. It offers five online courses for hospital emergency department physicians, nurses, radiologists, pathologists and infection control practitioners. Courses cover identification of potential bioterrorism agents, including smallpox and anthrax and commonly associated syndromes. <http://www.bioterrorism.uab.edu>

U.S. Army Medical Research Institute of Infectious Diseases - Department of Defense. U.S. Army Courses on medical management of biological agents <http://www.usamriid.army.mil/education> As the Department of Defense's lead laboratory for medical aspects of biological warfare defense, USAMRIID conducts research to develop vaccines, drugs and diagnostics for laboratory and field use. In addition to developing medical countermeasures, USAMRIID formulates strategies, information, procedures, and training programs for medical defense against biological threats.

American Hospital Association - <http://www.aha.org> Information on dealing with various aspects of mass casualty terrorism, including readiness resources, education and training, and relevant government, academic, and private and professional organizations links. Includes "A crisis communication primer for hospital CEOs" at <http://www.aha.org/emergency/resources/crisiscomprimer.asl2> "Hospital preparedness for mass casualties" at <http://www.ahgpolicyforum.org/policyresources/Modisaster> .

Agency for Toxic Substance and Disease Registry
www.atsdr.cdc.gov

The American Society of Professional Emergency Planners-
<http://www.iprimus.ca/tmhealth/index.htm> Bioterrorism Learning Center
<http://bioterrorism.digiscript.com>

Centers for Disease Control and Prevention- public health emergency preparedness and response site www.bt.cdc.gov

Food and Drug Administration Bioterrorism- page
<http://www.fda.gov/oc/opacom/hottopics/bioterrorism.html>

US PUBLIC HEALTH SERVICE, OFFICE OF EMERGENCY PREPAREDNESS:

Web-Based Training Modules: CCRF
<http://ccrf.umbc.edu/>
<http://oep.osophs.dhhs.gov/ccrf/training.htm>
<http://www.training.fema.gov/>
<http://oep.osophs.dhhs.gov/dmat/resource/ICS/sld001.htm>
[file:///PI/USA Freedom Corps/Training Materials/MMRS.htm](file:///PI/USA%20Freedom%20Corps/Training%20Materials/MMRS.htm)

CD-ROM BIOTERRORISM EDUCATIONAL RESOURCES

Headquarters Air Force Civil Engineer Support Agency and Air Force Combat Support Systems, 139 Barnes Drive, Suite 1, Tyndall AFB, FL 32403-5319.
CDCHelp@tyndall.af.mil. These resources are FREE.

Emergency Response to Terrorism: Basic Concepts. Train-The-Trainer Support Material. January 2002. The primary target audience includes fire personnel, EMS responders, and HazMat responders. It will benefit public health workers; public works management; law enforcement personnel; disaster response agencies; emergency management personnel; emergency communications personnel; and the Armed Forces, Reserves, and National Guard. Includes Lesson Plans, Student Study Guide, Appropriate Appendices, Presentation Slides, Glossary of Terms, and a Bibliography.

Emergency Response to Terrorism: Self-Study. Train-the-Trainer Support Material. The target audience includes firefighters, emergency medical personnel, and HazMat emergency responders. It will benefit public health workers; public works management; law enforcement personnel; disaster response agencies; emergency management personnel; emergency communications personnel; law enforcement personnel, jurisdictional emergency coordinators, and the Armed Forces, Reserves, and National Guard.

Emergency Response to Terrorism. For Emergency Responders. This course is designed to raise the emergency responder's level of awareness and better prepare them for responding to a potential criminal or terrorist event. The target audience included police/security forces, firefighters, EMS and HazMat responders, and EOD personnel.

OTHER RELEVANT BT/WMD LITERATURE

New Disaster Curriculum for Schools of Public Health. You can order this new book from Public Health Foundation: <http://bookstore.phf.org/prod17O.htm>

Disaster Preparedness in Schools of Public Health: a Curriculum for the New Century.

"Disaster Preparedness in Schools of Public Health: a Curriculum for the New Century" contains a model curriculum for schools of public health and others involved in training programs for emergency preparedness. Materials include transparencies and 13 tabbed modules in a 3-ring binder. Examples of the modules include: Overview of types of hazards and disasters and their consequences; Roles and responsibilities of public health in disaster preparation, mitigation, planning, and response; Bioterrorism issues in public health response to disaster; and Evaluation methods for assessing the medical and public health response to disaster. The course was designed to be flexible in meeting the needs of schools. Instructors may wish to teach the modules as a unified course or may choose to use individual modules as lectures in already established courses. "Disaster Preparedness in Schools of Public Health: a Curriculum for the New Century" was edited by Linda Landesman, DrPH, MSW, formerly of the Albert Einstein College of Medicine, through support of the Centers for Disease Control and Prevention and the Association of Schools of Public Health. Target Audience: Academicians, Community Leaders, Environmental Health Professionals, Health Planners, Infection Control Professionals, Program Managers, Public Health Program Staff Price: \$73.50

"Emergency Medicine Practice an Evidence-Based Approach to Emergency Medicine."

A monthly newsletter directed toward clinical issues faced by emergency medicine physicians and nurses. Email: http://www.emp@empractice.net Web Site: <http://www.empractice.net>

The Public Health Consequences of Disasters. Edited by Dr. Eric Noji Dictionaries Program 263 Main, Suite 301 Old Saybrook, CT 06475 Phone: 860 388-6664 This book summarizes the most recent and useful information about the public health impact of natural disasters, illustrated by examples from recent research in the field. The author starts with a section on the concepts and role of surveillance and epidemiology, highlighting general environmental health, health concerns. The other chapters cover discrete types of natural and technological hazards, covering their history, origin, nature, observation, prevention, and control. Throughout the book the focus is on the level of epidemiologic knowledge on each aspect of natural disasters. Noji emphasizes the need for better epidemiologic awareness as the basis for better understanding and control of the different types of disasters. Each chapter is based on a variety of experiences and literature drawn from both developing and industrialized countries. Target Audience: Academicians, community leaders, environmental health professionals, health planners, infection control professionals, program managers, and public health program staff. Oxford University Press USA Price: \$73.50 *Can be ordered through the Public Health Foundation at:

<http://bookstore.phf.org/prod170.htm>

Annals of Emergency Medicine. "Disaster medicine/emergency preparedness."

<http://www.harcourthealth.com/scripts/om.dll/serve?action=open&location=em/em-disastercoll&id=em&group=toc> Nov. 2001. Bibliography of more than 40 articles from the journal from 1994 to November 2001 on disaster medicine and emergency preparedness.

Centers for Disease Control and Prevention. "Public health emergency preparedness and response."

<http://www.bt.cdc.gov> This site on public health emergency preparedness and response to biological, chemical or radiological terrorism is organized by type of agents and threats as well as by such site topics as preparation and planning, emergency response, laboratory information, surveillance, and training. In addition, it provides links to related resources both inside and outside the CDC.

American College of Emergency Physicians (ACEP). providing updated bioterrorism information and resources. ACEP has developed two web-based resources: one that provides links to sites containing response plans, diagnosis, and treatment information; the other a discussion forum with a CDC representative relating to anthrax and the CDC's treatment and diagnostic protocols.

American College of Emergency Physicians. "Bioterrorism resources for emergency physicians." <http://www.acep.org> Provides information on relevant conferences, journal articles, and protocols.

Emergency Management Strategic Healthcare Group (EMSHG). <http://www.va.gov/emshg>

Jan. 7, 2002. EMSHG manages, coordinates and implements the emergency medical preparedness mission for the Department of Veterans Affairs through various Federal laws and regulations. Web site provides resources on a wide variety of topics relating to emergency medical preparedness, disaster response and recovery operations, including decontamination procedures, anthrax guidelines, upcoming broadcasts on terrorism, and the Emergency Management Academy education and training materials.

Federal Emergency Management Agency. <http://www.fema.gov> Information on many aspects of disaster preparedness, including the United States governmental interagency domestic terrorism concept of operations plan (CONPLAN) <http://www.fema.gov/r-n-r/conplan> Jan. 2001.

Guide for all-hazard emergency operations planning. State and Local Guide (SLG) 101. Sep. 1996 & updates. <http://www.fema.gov/pte/gaheop.htm> This guide provides emergency managers and other emergency services personnel with information on FEMA's concept for development risk-based, all-hazard emergency operations plans. It includes a May 11, 2001, attachment on terrorism to aid state and local emergency planners in developing and maintaining a Terrorist Incident Appendix to an Emergency Operations Plan for incidents involving terrorist-initiated weapons of mass destruction.

American Hospital Association. "Disaster readiness."

<http://www.aha.org/Emergency/EmIndex.asp> Information on dealing with various aspects of mass casualty terrorism, including readiness resources, education and training, and relevant government, academic, and private and professional organizations links. Includes "A crisis communication primer for hospital CEOs" may be found at:
<http://www.aha.org/emergency/resources/crisiscomprimer.asp>

American Medical Association. "Disaster preparedness and medical response." <http://www.ama-assn.org/ama/pub/category/6206.html> Frequently updated site that provides resources on disaster preparedness and medical response including news, physician resources, national and state resources, psychosocial resources, and an index of bioterrorism resources. Also has link to 10-part series of web-based educational programs on the clinical, psychosocial, and disaster preparedness issues raised by acts of terrorism.

National Academy of Sciences. Bibliography of Academy reports on terrorism, bioterrorism and related subjects. Bibliography available in two formats, subject order and author order at:
<http://www.nap.edu>

National Criminal Justice Research Service. Department of Justice.

<http://www.dtic.mil/biosys/org/> Develops Guidance, Provides Leadership and Oversight in the Following Technology Areas: Human Systems, Biomedical, Chemical/Biological Defense, Environmental Quality, and Civil Engineering.
<http://virlib.ncirs.org/more.asp?category=51&subcategory=151> Provides numerous training resources, especially those for decontamination equipment for Emergency First Responders.

National Domestic Preparedness Office. <http://www.ndpo.gov> Clearinghouse for state, local and federal weapons of mass destruction information and assistance. Office coordinates all federal efforts, including those of the Department of Defense, Federal Bureau of Investigation, Federal Emergency Management Agency, Department of Health and Human Services, Department of Energy, and the Environmental Protection Agency, to assist state and local emergency responders with planning, training, equipment, and exercise needs necessary to respond to a weapon of mass destruction (WMD) incident.

Center for Civilian Biodefense Studies. Johns Hopkins University. <http://www.hopkins-biodefense.org> Links to various publications and activities of the Center, whose approach is to increase national and international awareness of the medical and public health threat posed by biological weapons. Includes biological agent's fact sheets, bibliographies, full text articles, and current news of relevant legislation and government reports.

Public Health Foundation. "TrainingFinder.org." <http://trainingfinder.org> Clearinghouse of distance learning courses on a variety of topics, including 50 courses on bioterrorism/emergency preparedness.

Center for the Study of Bioterrorism and Emerging Infections. Saint Louis University.

Mission is to provide public health and healthcare facilities with the tools needed for preparedness, response, recovery, and mitigation of intentional or naturally occurring outbreaks. Includes fact sheets, current news, congressional testimony, case studies, bibliographies, and links to relevant resources.

Institute of Medicine. Chemical and biological terrorism; research and development to improve civilian medical response. Washington, DC: National Academy Press, 1999.

<http://bob.nap.edu/books/0309061954.html> This 279-page document Collects and assesses existing research, development, and technology information on detecting potential chemical and biological agents and protecting and treating both the targets of attack and health care providers. In addition, it also provides specific recommendations for priority research and development.

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<http://www.niaid.nih.gov/publications/bioterrorism.htm> Jan. 15, 2002. General information on NIAID's research on bioterrorism, as well as related news releases, congressional testimony, and links relevant bioterrorism to sites.

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Summary of USDA's activities to ensure the well-being of America's agriculture and food

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National Institutes of Health (NIH). Updated frequently. Provides information on various health aspects of biological and chemical weapons, including the latest news, general information, alternative therapy, coping, prevention/screening, research, specific conditions/aspects, directories, organizations, and information pertaining specifically to children and teenagers.
<http://www.nlm.nih.gov/medlineplus/biologicalandchemicalweapons.html> See also <http://www.nlm.nih.gov/medlineplus/healthtopics.html> for information on specific biological and chemical agents.

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Public Health Grand Rounds. "Bioterrorism: implications for public health."
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<http://www.nlm.nih.gov/medlineplus/biologicalandchemicalweapons.html> Updated frequently. Provides information on various health aspects of biological and chemical weapons, including the latest news, general information, alternative therapy, coping, prevention/screening, research, specific conditions/aspects, directories, organizations, and information pertaining specifically to children and teenagers. See also <http://www.nlm.nih.gov/medlineplus/healthtopics.html> for information on specific biological and chemical agents.

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